Section 368 Zones

Tags

Energy corridor, Electrical transmission, Pipeline, Energy Policy Act, Section 368, Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming

Summary

This layer depicts the Energy Policy Act of 2005, Section 368 energy corridor areas that were designated on federal lands in the Western 11 states. Additional attributes were added to allow for analysis and map products.

Description

This layer depicts areas which have been designated (per the requirements of Section 368 of the Energy Policy Act of 2005) as West-wide energy corridors in Bureau of Land Management and U.S. Forest Service Records of Decision in connection with the final Programmatic Environmental Impact Statement, Designation of Energy Corridors on Federal Land in the 11 Western States, November 2008. The layer was intersected with surface management agency, BLM field office, and state layers to add more tabular attributes.

Credits

Produced by Argonne National Laboratory and federal agencies in support of the West-wide Energy Corridors project.

Use limitations

These data have been created by UChicago Argonne, LLC, Operator of Argonne National Laboratory ("Argonne"). Argonne, a U.S. Department of Energy Office of Science laboratory, is operated under Contract No. DE-AC02-06CH11357. The U.S. Government retains for itself, and others acting on its behalf, a paid-up nonexclusive, irrevocable worldwide license in said article to reproduce, prepare derivative works, distribute copies to the public, and perform publicly and display publicly, by or on behalf of the Government.

ArcGIS Metadata

Topics and Keywords

THEMES OR CATEGORIES OF THE RESOURCE utilitiesCommunication, planningCadastre

* CONTENT TYPE Downloadable Data

PLACE KEYWORDS Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming

THEME KEYWORDS energy corridor, electrical transmission, pipeline, Energy Policy Act, Section 368

Citation

* TITLE developable_area_section368_zone_eis
ALTERNATE TITLES West-wide Energy Corridors designated by BLM and USFS Records of Decision as mandated by the Energy Policy Act of 2005, Section 368
CREATION DATE 2008-11-01
PUBLICATION DATE 2008-11-01
REVISION DATE 2008-11-01
CREATION DATE 2008-11-01

PUBLICATION DATE 2008-11-01
REVISION DATE 2008-11-01
CREATION DATE 2008-11-01
PUBLICATION DATE 2008-11-01
REVISION DATE 2008-11-01

EDITION DATE 2008-11-01

PRESENTATION FORMATS digital map

Citation Contacts

RESPONSIBLE PARTY
  ORGANIZATION'S NAME Environmental Science Division, Argonne National Laboratory
  CONTACT'S ROLE point of contact

    CONTACT INFORMATION
      PHONE
        VOICE 630-252-6206

      ADDRESS
        E-MAIL ADDRESS jkuiper@anl.gov

Resource Details

DATASET LANGUAGES English ()
DATASET CHARACTER SET utf8 - 8 bit UCS Transfer Format

SPATIAL REPRESENTATION TYPE vector

* PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; ESRI ArcGIS 10.0.4.4000

CREDITS
  Produced by Argonne National Laboratory and federal agencies in support of the West-wide Energy Corridors project.

ARCGIS ITEM PROPERTIES
  * NAME developable_area_section368_zone_eis
  * LOCATION
    * ACCESS PROTOCOL Local Area Network

Extents

EXTENT
  GEOGRAPHIC EXTENT
    BOUNDING RECTANGLE
      EXTENT TYPE Extent used for searching
      * WEST LONGITUDE -123.588713
      * EAST LONGITUDE -103.138629
        * SOUTH LATITUDE
            31.354076
        * NORTH LATITUDE
            47.812989
      * EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM
      * WEST LONGITUDE -
          13757832.642000
      * EAST LONGITUDE -
          11481339.613300
    * SOUTH LATITUDE 3678818.469100
      * NORTH LATITUDE

6075799.138800
* EXTENT CONTAINS THE RESOURCE Yes

Resource Points of Contact

POINT OF CONTACT
ORGANIZATION'S NAME Environmental Science Division, Argonne National Laboratory
CONTACT'S ROLE point of contact

CONTACT INFORMATION
PHONE
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* CONTACT'S ROLE point
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* E-MAIL ADDRESS jkuiper@anl.gov

Resource Maintenance

RESOURCE MAINTENANCE
UPDATE FREQUENCY not planned

Resource Constraints

CONSTRAINTS
LIMITATIONS OF USE
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Spatial Reference

ARCGIS
COORDINATE
SYSTEM
* TYPE Projected
* GEOGRAPHIC COORDINATE REFERENCE GCS_WGS_1984
* PROJECTION WGS_1984_Web_Mercator_Auxiliary_Sphere
* COORDINATE
REFERENCE DETAILS
PROJECTED
COORDINATE SYSTEM
WELL-KNOWN IDENTIFIER 3857
X ORIGIN -20037700
Y ORIGIN -30241100
XY SCALE 10000
Z ORIGIN -100000
Z SCALE 10000

M ORIGIN -100000
M SCALE 10000
XY TOLERANCE 0.001
Z TOLERANCE 0.001
M TOLERANCE 0.001
HIGH PRECISION true
WELL-KNOWN TEXT
PROJCS["WGS_1984_Web_Mercator_Auxiliary_Sphere",GEOGCS["GCS_WGS_1984",DATUM["D_WGS_1984",SPHEROID["WGS_1984",6378137.0,298.257223563]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["Mercator_Auxiliary_Sphere"],PARAMETER["False_Easting",0.0],PARAMETER["False_Northing",0.0],PARAMETER["Central_Meridian",0.0],PARAMETER["Standard_Parallel_1",0.0],PARAMETER["Auxiliary_Sphere_Type",0.0],UNIT["Meter",1.0],AUTHORITY["EPSG",3857]]

REFERENCE SYSTEM IDENTIFIER
VALUE 102039
* CODESPACE EPSG
* VERSION 7.4.1

Spatial Data Properties

VECTOR
* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS
FEATURE CLASS NAME developable_area_section368_zone_eis
* OBJECT TYPE composite
* OBJECT COUNT 2948

ARCGIS FEATURE CLASS
PROPERTIES

* FEATURE TYPE Simple
* GEOMETRY TYPE Polygon
* HAS TOPOLOGY FALSE
* FEATURE COUNT 2948
* SPATIAL INDEX TRUE
* LINEAR REFERENCING FALSE

Lineage

LINEAGE STATEMENT
This layer was compiled from many sources, and is based on a set of centerline connections between energy supply and demand areas. Polygons in the layer were made by: 1) Creating a buffer around a centerline at a defined width, 2) Integrating polygons received from a project participant, 3) Combining or editing the above to avoid protected lands and to correct topology issues, and/or 4) Truncating or removing areas found to occur on non-federal land.To add attributes needed for analysis, the sec368zone layer was intersected with 1) surface management agency, 2) BLM field office, and 3) state layers. In the output layer the corridors were then split at each location the agency, field office, or state changed, and the values from those input layers were included. The table was subsequently cleaned up to remove extra fields that were present in the input layers but not needed in the output. This layer is a compilation of many sources from many offices in several federal agencies. Inquiries should be
directed to the federal land management agency or agencies with jurisdiction over the lands in the area of interest.

Distribution

DISTRIBUTOR
AVAILABLE
FORMAT

* NAME Personal GeoDatabase Feature Class

TRANSFER
OPTIONS
ONLINE
SOURCE
* LOCATION
* ACCESS PROTOCOL Local Area Network
* DESCRIPTION Downloadable Data

DISTRIBUTION
FORMAT
* NAME File Geodatabase Feature Class
VERSION unknown

Fields

DETAILS FOR OBJECT developable_area_section368_zone_eis
* TYPE Feature
Class
* ROW COUNT
2948

FIELD OBJECTID_1
* ALIAS OBJECTID_1
* DATA TYPE OID
* WIDTH 4
* PRECISION 0
* SCALE 0
* FIELD DESCRIPTION
Internal feature number.

* DESCRIPTION SOURCE
ESRI

* DESCRIPTION OF VALUES Sequential unique whole numbers that are automatically generated.

FIELD OBJECTID
* ALIAS OBJECTID
* DATA TYPE Double
* WIDTH 8
* PRECISION 0
* SCALE 0
* FIELD DESCRIPTION
Internal feature number.

* DESCRIPTION SOURCE
ESRI

* DESCRIPTION OF VALUES Sequential unique whole numbers that are automatically generated.

FIELD Shape
* ALIAS Shape
* DATA TYPE Geometry
* WIDTH 0
* PRECISION 0
* SCALE 0
* FIELD DESCRIPTION
Feature geometry.

* DESCRIPTION SOURCE
   ESRI

 * DESCRIPTION OF VALUES Coordinates defining the features.

FIELD Comments
 * ALIAS Comments
 * DATA TYPE String
 * WIDTH 50
 * PRECISION 0
 * SCALE 0

FIELD Designated
 * ALIAS Designated
 * DATA TYPE String
 * WIDTH 10
 * PRECISION 0
 * SCALE 0

FIELD DesigUse
 * ALIAS DesigUse
 * DATA TYPE String
 * WIDTH 20
 * PRECISION 0
 * SCALE 0

FIELD Name
 * ALIAS Name
 * DATA TYPE String
 * WIDTH 20
 * PRECISION 0
 * SCALE 0

FIELD WidthFeet
 * ALIAS WidthFeet
 * DATA TYPE Integer
 * WIDTH 4
 * PRECISION 0
 * SCALE 0

FIELD sma_code
 * ALIAS sma_code
 * DATA TYPE String
 * WIDTH 10
 * PRECISION 0
 * SCALE 0

FIELD sma_name
 * ALIAS sma_name
 * DATA TYPE String
 * WIDTH 100
 * PRECISION 0

* SCALE 0

FIELD label1
* ALIAS label1
* DATA TYPE String
* WIDTH 100
* PRECISION 0
* SCALE 0

FIELD label2
* ALIAS label2
* DATA TYPE String
* WIDTH 100
* PRECISION 0
* SCALE 0

FIELD STATEOFFIC
* ALIAS STATEOFFIC
* DATA TYPE String
* WIDTH 30
* PRECISION 0
* SCALE 0

FIELD District
* ALIAS District
* DATA TYPE String
* WIDTH 30
* PRECISION 0
* SCALE 0

FIELD Field_Offi
* ALIAS Field_Offi
* DATA TYPE String
* WIDTH 30
* PRECISION 0
* SCALE 0

FIELD Sub_Office
* ALIAS Sub_Office
* DATA TYPE String
* WIDTH 30
* PRECISION 0
* SCALE 0

FIELD STATE_NAME
* ALIAS STATE_NAME
* DATA TYPE String
* WIDTH 25
* PRECISION 0
* SCALE 0

FIELD STATE_FIPS
* ALIAS STATE_FIPS
* DATA TYPE String
* WIDTH 2

* **PRECISION** 0
* **SCALE** 0

FIELD SUB_REGION
  * **ALIAS** SUB_REGION
  * **DATA TYPE** String
  * **WIDTH** 7
  * **PRECISION** 0
  * **SCALE** 0

FIELD STATE_ABBR
  * **ALIAS** STATE_ABBR
  * **DATA TYPE** String
  * **WIDTH** 2
  * **PRECISION** 0
  * **SCALE** 0

FIELD Shape_Length
  * **ALIAS** Shape_Length
  * **DATA TYPE** Double
  * **WIDTH** 8
  * **PRECISION** 0
  * **SCALE** 0
  * **FIELD DESCRIPTION**
    Length of feature in internal units.

  * **DESCRIPTION SOURCE**
    ESRI

  * **DESCRIPTION OF VALUES** Positive real numbers that are automatically generated.

FIELD Shape_Area
  * **ALIAS** Shape_Area
  * **DATA TYPE** Double
  * **WIDTH** 8
  * **PRECISION** 0
  * **SCALE** 0
  * **FIELD DESCRIPTION**
    Area of feature in internal units squared.

  * **DESCRIPTION SOURCE**
    ESRI

  * **DESCRIPTION OF VALUES** Positive real numbers that are automatically generated.

Metadata Details

METADATA LANGUAGE English (UNITED STATES)
METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

SCOPE OF THE DATA DESCRIBED BY THE METADATA dataset
SCOPE NAME * dataset

***** **LAST UPDATE** 2012-05-25

ARCGIS METADATA PROPERTIES
  METADATA FORMAT ArcGIS 1.0
  METADATA STYLE FGDC CSDGM Metadata
  STANDARD OR PROFILE USED TO EDIT METADATA FGDC

CREATED IN ARCGIS 2011-12-27 17:01:33
LAST MODIFIED IN ARCGIS 2012-05-25 11:16:21

AUTOMATIC UPDATES
HAVE BEEN PERFORMED Yes
LAST UPDATE 2012-05-25
11:16:04

Metadata Maintenance

MAINTENANCE
UPDATE FREQUENCY not planned

Thumbnail and Enclosures

THUMBNAIL
THUMBNAIL TYPE JPG